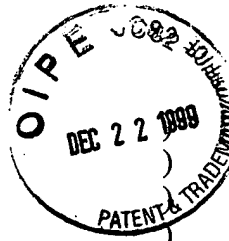


PATENT
Attorney Docket No.: DIVER1140-2



In re Application of:
Jay M. Short

Application No.: 09/375,605

Filed: August 17, 1999

For: PRODUCTION OF ENZYMES
HAVING DESIRED ACTIVITIES BY
MUTAGENESIS (as amended)

POWER OF ATTORNEY BY ASSIGNEE

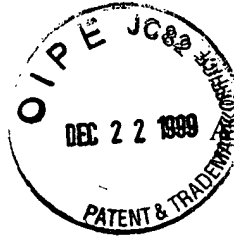
As a below-named assignee of the above-identified application ("Application"):

I hereby appoint the following attorneys of the assignee to prosecute the
Application and to transact all business in the United States Patent and Trademark Office
connected therewith:

TIM ELLIS
LISA A. HAILE
WILLIAM N. HULSEY, III
RICHARD J. IMBRA
SHEILA R. KIRSCHENBAUM
JUNE M. LEARN
TIMOTHY W. LOHSE
TERRANCE A. MEADOR
JOHN OSKOREP
STEPHEN E. REITER
STEVEN R. SPRINKLE
RAMSEY R. STEWART
DAVID R. STEVENS
BARRY N. YOUNG

Registration No. 41,734
Registration No. 38,347
Registration No. 33,402
Registration No. 37,643
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Registration No. 38,626
Registration No. 27,774

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Page 2



PATENT

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I hereby authorize and request insertion of the application number of the
Application when officially known.

Direct all telephone calls to:

LISA A. HAILE, PH.D.
Telephone: (858) 677-1456

Address all correspondence to:

LISA A. HAILE, PH.D.
GRAY CARY WARE & FREIDENRICH LLP
4365 Executive Drive, Suite 1600
San Diego, CA 92121

DIVERSA CORPORATION

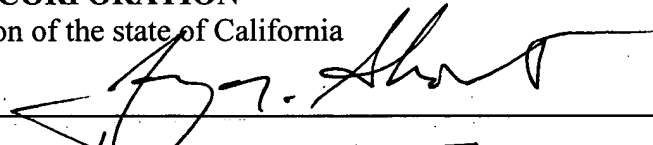
A corporation of the state of California

By:

Name:

Title:

Date:



JAY M. SHORT

President, CEO, CFO

12-6-99
